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Government of Kerala  
കേരള സർക്കാർ  
2013



Regn. No. KERBIL/2012/45073  
dated 5-9-2012 with RNI

Reg. No. റജി. നമ്പർ  
KL/TV(N)/634/2012-14

# KERALA GAZETTE

## കേരള ഗസറ്റ്

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## PART III

### Stores Purchase

#### Fire and Rescue Services Department

##### e-TENDER NOTICES

(1)

No. F1-4972/13/KFRS.

11th October 2013.

e-Tenders in two cover system are invited from competent dealers for the supply of 150 Nos. of Zero Torque Nozzle with respective specifications to this Department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

E-Tender document and other details can be obtained from the above e-portal.

The tender has two parts.

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC—KFRS/E-TEND No. 11/2013-14  
₹ 30 Lakh.

EMD—1% of PAC in online payment.

Security Deposit—5% of total contract amount inclusive of EMD. To be furnished as online payment.

Cost of e-Tender (online submission)—₹ 4,500 + VAT @ 5%.

Last date and time of receipt of e-tender—  
23-11-2013, 5 p. m.

Closing date and time of e-tender—23-11-2013, 5 p. m.

Date and time of opening of e-tender:

1. Technical bid—26-11-2013, 11 a. m.
2. Financial bid—28-11-2013, 11 a. m.

Date upto which the rates are to remain firm for acceptance—31-3-2014.

Period of supply—Within 40 days of receipt of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in>. and then select tender and initiate payment. Bidders will be directed to the payment gateway page of the State Bank of Travancore. There are two options-State Bank of Travancore (SBT), Net banking payment, payment through NEFT from other banks to the payment gateway of SBT.

For obtaining Digital Signature Certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in>.

The e-tenders submitted by the competent dealer/supplier should definitely contain a scanned copy of the compliance statement of the Zero Torque Nozzle intended for supply along with the original directly to this office before the last date of receipt of the e-tender. The financial bid belonging to those dealers/suppliers who qualified the technical bid of the instrument required by Kerala Fire & Rescue Services Department alone will be considered.

Soon on opening the technical bid of e-tenders the committee constituted to evaluate the technical aspects of the instrument will meet and scrutinize the technical specification of the instrument submitted with the e-tender. On finalization of the same, the financial bid of the concerned competent firm will be opened for consideration.

Tenders will be opened in the online presence of such tenderers or their authorized representatives who have logged in at the prescribed time of opening technical & financial bids. If the date fixed for opening happens to be a holiday/due to net failure the tenders will be opened in the next working day, at the same time.

The price of the e-tender form shall be received only through online payment-SBT/SBT NEFT.

Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ₹ 100 should be submitted online and original to the undersigned before the opening of the e-tender.

The cost should be quoted in Indian currency only.

Details with respect to the e-tender and the details of specifications of the item to be purchased can be obtained from the e-tender website <https://etenders.kerala.gov.in>.

The committee headed by the Commandant General, Kerala Fire & Rescue Services Department will scrutinize the tenders received and will recommend suitably. The decision of the Commandant General will be final for the award of the contract.

The right of acceptance or rejection of e-tender without assigning any reason is solemnly vested with Commandant General, Kerala Fire & Rescue Services, Thiruvananthapuram.

The rules and regulations prescribed for e-tenders by the Government of Kerala shall be applicable to this e-tender also.

Any legal disputes that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court Communication to be addressed to The Commandant General, Kerala Fire & Rescue Services Head quarters, Housing Board Junction, Thiruvananthapuram, Pin-695 001 Phone: 0471 2320872.

#### SPECIFICATION FOR ZERO TORGUE NOZZLE

1. Body Construction : Durable Alluminium alloy light in weight.
2. Handle : Pistol grip handle for better handling and shut off bale handle on top.
3. Usage : Capable of producing Straight jet, Fog and Spray.
4. Flow Range Applications : It shall have arrangements for selection of flow (Five ranges) ranging from 350 LPM to 900 LPM by twist of a dial on the nozzle. The horizontal jet throw in still air should not be

less than 35 meters at 7 bar pressure. It shall have provision for change over to flush mode without shutting off the flow. It shall have a replaceable spinning teeth ring for generating a dense fog curtain, a ball valve type bale handle for shutting off the flow and a 63 MM instantaneous male inlet connection.

5. Back Pressure : The nozzle can be easily operated by one fire man.
6. The Warranty : The nozzle should have warranty for a minimum of three years against manufacturing defects.
7. Certification : The nozzle shall be either CE certified or NFPA approved.

#### CONDITIONS

1. Whether Samples are essential : Pamphlets, photograph etc., should be forwarded along with the tender. The sample of products should be produced at the time of opening tender.
2. Period with in which goods should be delivered : Within 40 days from receipt of supply order.
3. Rates should be quoted for the delivery including transporting charge of the items to Kerala Fire & Rescue Services Headquarters. : F.O.R Thiruvananthapuram
4. Payment : 90% Payment against delivery at Thiruvananthapuram in good condition.
5. Other Special Condition : A guarantee of 12 months from the delivery of item EMD 1% of PAC in online payment. Security Deposit 5% of total contract amount inclusive of EMD to be furnished as online payment as mentioned in the Notice inviting e-Tender.

(2)

No. F1-11798/13/KFRS.

11th October 2013.

e-Tenders in two cover system are invited from competent dealers for the supply of 40 Nos. of Light Weight Float Pump with respective specifications to this Department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

E-Tender document and other details can be obtained from the above e-portal.

The tender has two parts :

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC—KFRS/E-TEND No. 13/2013-14—₹ 100 Lakh.

EMD—1% of PAC in online payment.

Cost of e-Tender (online submission)—₹ 15,000 + VAT @ 5%.

Last date and time of receipt of e-tender—23-11-2013, 5 p. m.

Closing date and time of e-tender—23-11-2013, 5 p. m.

Date and time of opening of e-tender:

1. Technical bid—26-11-2013, 11 a. m.
2. Financial bid—28-11-2013, 11 a. m.

Date upto which the rates are to remain firm for acceptance—31-3-2014.

Security Deposit—5% of total contract amount inclusive of EMD to be furnished as online payment.

Period of supply—Within 40 days of receipt of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in> and then select tender and initiate payment. Bidders will be directed to the payment gateway page of the State Bank of Travancore. There are two options—State Bank of Travancore (SBT) Net banking payment, payment through NEFT from other banks to the payment gateway of SBT.

For obtaining Digital Signature Certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in>

The e-tenders submitted by the competent dealer/supplier should definitely contain a scanned copy of the compliance statement of the Light Weight Float Pump intended for supply along with the original directly to this office before the last date of receipt of the e-tender. The financial bid belonging to those dealers/suppliers who qualified the technical bid of the instrument required by Kerala Fire & Rescue Services Department alone will be considered.

Soon on opening the technical bid of e-tenders the committee constituted to evaluate the technical aspects of the instrument will meet and scrutinize the technical specification of the instrument submitted with the e-tender. On finalization of the same, the financial bid of the concerned competent firm will be opened for consideration.

Tenders will be opened in the online presence of such tenderers or their authorized representatives who have logged in at the prescribed time of opening technical & financial bids. If the date fixed for opening happens to be a holiday/due to net failure the tenders will be opened in the next working day, at the same time.

The price of the e-tender form shall be received only through online payment-SBT/SBT NEFT.

Scanned copy of the agreement in the prescribed format in Kerala Stamp Paper worth ₹ 100 should be submitted online and original to the undersigned before the opening of the e-tender.

The cost should be quoted in Indian currency only.

Details with respect to the e-tender and the details of specifications of the item to be purchased can be obtained from the e-tender website <https://etenders.kerala.gov.in/>.

The committee headed by the Commandant General, Kerala Fire & Rescue Services Department will scrutinize the tenders received and will recommend suitably. The decision of the Commandant General will be final for the award of the contract.

The right of acceptance or rejection of e-tender without assigning any reason is solemnly vested with Commandant General, Kerala Fire & Rescue Services.

The rules and regulations prescribed for e-tenders by the Government of Kerala shall be applicable to this e-tender also.

Any legal disputes that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court Commission to be addressed to The Commandant General, Kerala Fire & Rescue Services, Head Quarters, Housing Board Junction, Thiruvananthapuram, Pin-695 001, Phone : 0471-2320872.

## LIGHT WEIGHT FLOAT PUMP

### Specification

- The Floating Pump is designed for the purpose of fire fighting and rescue operations.
- The Floating Pump is lightweight self contained driven by an air cooled one cylinder, two cycle petrol engine and capable of being carried by one (1) person.
- The complete unit shall be designed for continuous operation at a maximum rated output and should be capable of running under load immediately after starting from a cold condition.

### Dimensions and Weight

The dimension and weight of the Float Pump shall be follows below.

Overall Height	— Not more than 420 mm (16")
Overall Length	— Not more than 711 mm (28")
Overall Width	— Not more than 508 mm (20")
Dry Weight	— Less than 20 Kg.

### Engine

- The engine shall be of solid state electronic ignition type with the minimum engine power of at least 8hp.
- The pump shall be equipped with a suitable cooling system to permit the pump to run continuously at full capacity without or over heating during extended run times.
- The float pump shall be self priming type durable powerful and easy to maintain for quick response to emergency situation in accessible areas.
- A well designed and permanently attached recoil starting device shall be provided so that the pump can be started easily and safely by one person.
- Engine shall have a hard chrome plated cylinder for a long life.
- A fully enclosed water proof crank shaft mounted magneto shall produce sufficient current to ignition system upon pulling the recoil starter.
- The unit shall be capable of high speed running immediately after starting even in abnormally cold atmosphere condition.
- Engine cooling system shall be able to operate at high ambient temperature running full throttle without over heating for extended period of time.

### Fuel and Exhaust System

The fuel tank shall be made of high density poly ethylene and have a minimum capacity of 4.5 litre with a minimum run time of 1.25 hrs. At full power.

The fuel tank shall be positioned as far away from the engine exhaust as possible.

The throttle control must be controlled by automatic floating system.

The carburetor system shall be diaphragm type with an integral fuel pump.

#### **Pump**

- The Pump shall be of a centrifugal type and direct coupled to the engine and the driven via the crank shaft.
- The shaft seal shall be face type mechanical seal requiring no adjustment.
- Impeller wear ring shall be of the re-usable type.
- Built in stainless steel intake screen shall be provided.
- Water-resistant air cleaner and muffler shall be provided.
- Complete portable fire pump unit shall be capable of fulfil the minimum duties given in the table below.

#### **Standard Pressure model Float Pump shall be capable of**

- (1) 2 bar @ 530 1 p. m.
- (2) 5 bar @ 300 1 p. m.
- (3) 7 bar @ 115 1 p. m.

The float pump shall be able to operate at maximum capacity as little as 15cm. of water level.

#### **Control and Instruments**

The control and instruments shall be grouped conveniently and situate adjacent to the pump delivery connections and shall include the following :

- (a) Cold start choke control
- (b) On/off ignition switch
- (c) De-Compression release switch

#### **Float Assembly**

The float assembly must be made of high density polyethylene shell filled with polyurethane foam (closed cell) for floatation buoyancy.

- (1) Proper certificate on documents shall be produced lie CE/EN/BIS Certificate etc. shall be produced.

A complete tool kit and brochures shall be provided.

Training of the equipment including basic troubleshooting shall be provided at free of cost.

A minimum of one year warranty shall be provided.

#### **CONDITIONS**

1. Whether Samples are : Pamphlets, photograph etc., should be forwarded along with the tender. The sample of products should be produced at the time of opening tender.

2. Period within which goods should be delivered	: Within 40 days from receipt of supply order.
3. Rates should be quoted for the delivery including transporting charge of the items to Kerala Fire & Rescue Services Headquarters	: f. o. r. Thiruvananthapuram
4. Payment	: 90% Payment against delivery at Thiruvananthapuram in good condition.
5. Other Special condition	: A guarantee of 12 months from the delivery of item EMD 1% of PAC in online payment Security Deposit 5% of total contract amount inclusive of EMD to be furnished as online payment as mentioned in the Notice inviting e-Tender.

(3)

No. F1-10184/13/KFRS.

*10th October 2013.*

e-Tenders in two cover system are invited from competent dealers for the supply of 88 Nos. of Chain Saw with respective specifications to Fire & Rescue Services Department. The tender is to be submitted as e-tenders through <https://etenders.kerala.gov.in>. Since this is an e-tender, only those bidders who have enrolled in the above portal with their own Digital Signature Certificate (DSC) can participate in the tender.

E-Tender document and other details can be obtained from the above e-portal.

The tender has two parts :

1. Technical bid.
2. Financial bid (BOQ).

Tender No. with PAC—KFRS/E-TEND No. 12/2013-14—₹ 44 Lakh.

EMD—1% of PAC in online payment.

Cost of e-Tender (online submission)—₹ 6,600 + VAT @ 5%.

Date upto which the rates are to remain firm for acceptance—31-3-2014.

Last date and time of receipt of e-tender—23-11-2013, 5 p. m.

Date and time of opening of e-tender:

1. Technical bid—26-11-2013, 11 a. m.
2. Financial bid—28-11-2013, 11 a. m.

Closing date and time of e-tender—23-11-2013, 5 p. m.

**Security Deposit**—5% of total contract amount inclusive of EMD to be furnished as online payment.

**Period of supply**—Within 40 days of receipt of supply order.

The bidder desiring to take part in the bid shall log into <https://etenders.kerala.gov.in/> and then select tender and initiate payment. Bidders will be directed to the payment gateway page of the State Bank of Travancore. There are two options-State Bank of Travancore (SBT Net banking payment, payment through NEFT from other banks to the payment gateway of SBT.)

For obtaining Digital Signature Certificate (DSC) and necessary portal enrolment bidders can visit the website <https://etenders.kerala.gov.in/>.

The e-tenders submitted by the competent dealer/ supplier should definitely contain a scanned copy of the compliance statement of the chain saw intended for supply along with the original directly to this office before the last date of receipt of the e-tender. The financial bid belonging to those dealers/suppliers who qualified the technical bid of the instrument required by Kerala Fire & Rescue Services Department alone will be considered.

Soon on opening the technical bid of e-tenders, the committee constituted to evaluate the technical aspects of the instrument will meet and scrutinize the technical specification of the instrument submitted with the e-tender. On finalization of the same, the financial bid of the concerned competent firm will be opened for consideration.

Tenders will be opened in the online presence of such tenderers or their authorized representatives who have logged in at the prescribed time of opening technical & financial bids. If the date fixed for opening happens to be a holiday/due to net failure the tenders will be opened in the next working day, at the same time.

The price of the e-tender form shall be received only through online payment-SBT/SBT NEFT.

Scanned copy of the agreement in the prescribed format in Kerala Stamp paper worth ₹100 should be submitted online and original to the undersigned before the opening of the e-tender.

The cost should be quoted in Indian currency only.

Details with respect to the e-tender and the details of specifications of the item to be purchased can be obtained from the e-tender website <https://etenders.kerala.gov.in/>.

The committee headed by the Commandant General, Kerala Fire & Rescue Services Department will scrutinize the tenders received and will recommend suitably. The decision of the Commandant General will be final for the award of the contract.

The right of acceptance or rejection of e-tender without assigning any reason is solemnly vested with Commandant General, Kerala Fire & Rescue Services.

The rules and regulations prescribed for e-tenders by the Government of Kerala shall be applicable to this e-tender also.

Any legal disputes that may arise in relation to the e-tender formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court Commission to be addressed to The Commandant General, Kerala Fire & Rescue Services Head Quarters, Housing Board Junction, Thiruvananthapuram, Pin-695 001, Phone : 0471-2320872.

#### SPECIFICATION FOR CHAIN SAW

1. The Engine of the Chain saw shall be petrol drive: 2 stroke air cooled.
2. The Power output of the engine shall be more than 5 K.W.
3. The displacement of the engine shall be more than 80 cc.
4. The capacity of the fuel tank shall be more than 750 ml.
5. Chain oil tank capacity shall be more than 350 ml.
6. The blade length shall be 24".
7. It should have a chain brake mechanism to stop the rotation of the chain.
8. Weight without cutting accessories shall not exceed 8 Kg.
9. Proper certification documents shall be produced : Like CE/EN/BIS etc. certificate.
10. The company shall ensure the availability of spare in the local market for atleast 3 years from the date of delivery.
11. The warranty shall cover one year including provision for free service for one year.
12. The rate shall include two spare chains and a file kit for sharpening.
13. Company brochure shall be provided.
14. There shall be service centres in the State.
15. The sample and its demonstration shall be displayed.
16. Training of the equipment including basic troubleshooting shall be provided at free of cost.
17. The firm shall be an authorized dealer of the make.

#### CHECK LIST FOR SPECIFICATIONS

1. Make
2. Model
3. Engine Type—2 Stroke or Not
4. Power Output in HP
5. Engine Displacement
6. Weight (without cutting accessories)
7. Fuel Tank Capacity (ml.)
8. Chain Oil Tank capacity (ml.)
9. Chain Bar Length in inches

10. Chain brake mechanism available or not
11. Certificates
12. Service Centres in Kerala (if not enough space attach separately)
13. Warranty Period
14. No. of free Services
15. Training (Trouble shooting & Operations) shall Provide or Not
16. Price of Unit inclusive of all taxes (in ₹)
17. Signed Brochure attached or not.
18. Tool Kit provided or not
19. Whether Spare parts available for the next three years from the date of delivery

CONDITIONS

1. Whether Samples are : Pamphlets, photograph etc. should be forwarded along with the tender. The sample of products should be produced at the time of opening tender.
2. Period with in which : Within 40 days from goods should be delivered receipt of supply order.
3. Rates should be quoted: F.O.R. Thiruvananthapuram for the delivery including transporting charge of the items to Kerala Fire & Rescue Services Headquarters.
4. Payment : 90% Payment against delivery at Thiruvananthapuram in good condition.
5. Other Special condition : A guarantee of 12 months from the delivery of item. EMD 1% of PAC in online payment. Security Deposit 5% of total contract amount inclusive of EMD to be furnished as online payment as mentioned in the Notice inviting e-Tender.

Office of the Commandant General,  
 Kerala Fire & Rescue Services  
 Head Quarters,  
 Housing Board Junction,  
 Thiruvananthapuram-695 001. (Sd.)  
 Phone: 0471-2320872. *Commandant General.*